



Supplementary Figure S6. Characterization of inflammatory cells in eyes that received MSC transplants. Immunohistochemistry for CD11b (red) revealed the presence of inflammatory cells in the MSC graft (green; often adjacent to the lens) and in the retina, however few inflammatory cells were found within the vitreous not associated with the graft (A). Higher magnification micrographs of the intravitreal MSC graft demonstrated infiltration of inflammatory cells immunoreactive for CD11b (B) and ED1 (C). In Panel C, laminin (red) was expressed strongly in the posterior lens capsule and to a lesser extent by MSCs (green). Higher magnification micrographs of the retina demonstrated the presence of inflammatory cells immunoreactive for CD11b (D) and ED1 (E), however no obvious differences were observed between eyes that received live or dead MSC grafts. DAPI = blue (A, B, D, E). Scale bars = 200 μ m (A); 100 μ m (B-E). L, lens; V, vitreous; RGCL, retinal ganglion cell layer; INL, inner nuclear layer; ONL, outer nuclear layer.